

**WHAT IS CLAIMED IS:**

1. A method of transmitting information by a short message service (SMS) in a mobile phone having a memory for storing image files, comprising  
5 the steps of:

receiving information about a mobile phone to be called to which an image file selected by a user is to be transmitted; and

transmitting an SMS message having data of the image file and header information indicating that the message is an image message to the called mobile  
10 phone by the SMS.

2. The method of claim 1, further comprising the step of transmitting the image file in a plurality of successive SMS messages if the data amount of the image file exceeds the user data amount allowed for one SMS  
15 message.

3. A method of receiving information by a short message service (SMS) in a mobile phone having a memory for storing image files, comprising the steps of:

20 checking header information upon receipt of an SMS message;  
performing a text message reception operation if the header information of the SMS message indicates a text message; and

storing image file data of the SMS message in the memory if the header information indicates an image message.

25

4. A method of transmitting information by a short message service (SMS) in a mobile phone having a memory for storing image files, comprising the steps of:

receiving information about a mobile phone to be called to which an  
30 image file selected by a user is to be transmitted;

transmitting an SMS message having data of the image file and header information indicating that the message is an image message to the called mobile phone by the SMS;

checking header information upon receipt of the SMS message;

5 performing a text message reception operation if the header information of the SMS message indicates a text message; and

storing image file data of the SMS message in the memory if the header information indicates an image message.

10 5. The method of claim 4, further comprising the step of transmitting the image file in a plurality of successive SMS messages if the data amount of the image file exceeds the user data amount allowed for one SMS message.